

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Jose J. Amador)
)
Serial No.: Unknown)
Filed: Herewith)
Title: Hypothesis Support Mechanism)
For Mid-Level Visual Pattern)
Recognition)

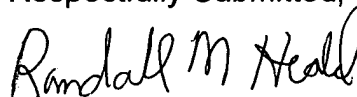
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INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the requirements of 37 CFR 1.97 and 1.98, applicants hereby request that the references listed in the attached Form PTO/SB/08A be considered and made of record in the above-identified application. Applicants also respectfully draw the Examiner's attention to the two Akio Kimur papers listed on Page 2 no copies of which were available.

Respectfully Submitted,



Randall M. Heald
NASA Patent Attorney
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Date: Dec 18, 2003

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(Use as many sheets as necessary)

Sheet	1	of	2
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Complete If Known

Application Number	Unknown
Filing Date	Herewith
First Named Inventor	Jose J. Amador
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	KSC-12394

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	
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Attorney Docket Number	KSC-12394

Sheet

2

of

2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ISO, JIANG et al., "A fast approach to the detection and correction of skew documents," Pattern Recognition Letters, Vol 18, pp. 675-686 (1997)	
		AVANINDRA et al., "Robust detection of skew in documented images," IEEE Trans. Image Processing, Vol. 6, pp. 344-349, February 1997.	
		WALLACK AND MAOCHA, Robust Algorithms for Object Localizaiton. International Journal of Computer Vision, 27(3):243-262, 1998.	
		AKIO KIMURA and TAKASHI WATANABE., "An Extension of the Generalized Hough Transform to Realize Affine-Invariant Two-dimensional(2D) Shape Detection" IEEE 2002	
		KIMURA, AKIO, "Generalized Hough Transform to be Extended as an Affine-invariant Detector of Arbitrary Shapes," IEICE, Vol. J84-D-II, No.5 2001. (in Japanese)	
		KIMURA, AKIO, "Fast Generalized Hough Transform that Improves its Robustness of Shape Detection," IEICE, Vol. J83-D-II, No. 5, 2000. (in Japanese)	

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